

**Electronic Filing System (EFS) Data**  
**Electronic Patent Application Submission**  
**USPTO Use Only**

EFS ID: 12283  
Application ID: 09682430  
Title of Invention: DYNAMIC CARDIAC PHANTOM  
AND METHOD OF SIMULATING  
CARDIAC MOTION  
First Named Inventor: Kishore C. Acharya  
Domestic/Foreign Application: Domestic Application  
Filing Date: null  
Effective Receipt Date: 2001-08-31  
Submission Type: Utility Patent Filing  
Filing Type: new-utility  
Confirmation Number: 0  
Attorney Docket Number: GEMS8081.096  
Digital Certificate Holder: cn=Timothy J Ziolkowski, ou=Registered Attorneys, ou=Patent and  
Trademark Office, ou=Department of Commerce, o=U.S.  
Government, c=US  
Certificate Message Digest: nSouKIDeRe/QFRaX1X5eSQ==  
Total Fees Authorized: \$1158.0  
  
Payment Category: DA - Deposit Account  
Deposit Account Number: 70845  
Deposit Account Name: Timothy J. Ziolkowski



# TRANSMITTAL FORM



Electronic Version 1.0.2

Stylesheet Version: 1.0

Attorney Docket Number: GEMS8081.096

## DYNAMIC CARDIAC PHANTOM AND METHOD OF SIMULATING CARDIAC MOTION

First Named Inventor: Mr. Kishore C. Acharya

### SUBMITTED BY

Name: Mr. Timothy J. Ziolkowski Esq.

Registration Number: 38,368

Electronic Signature

Date Signed: 20010831

Mark: /s/Timothy J. Ziolkowski

*I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.*

*I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.*

### Attached Files:

specification	Patent Application.xml
declaration	dec1.tif
declaration	dec2.tif
declaration	dec3.tif
declaration	dec4.tif

submitapds.xml

submitfee.xml

**Attached Image File(s):**

dec1.tif

dec2.tif

dec3.tif

dec4.tif

**SECRET**

Comments:

09062400 003404

Patent

Attorney Docket No. (GEMS8081.096) 15-CT-6017

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**COMBINED DECLARATION AND POWER OF ATTORNEY**

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As a below named inventor, I hereby declare that:

**TYPE OF DECLARATION**

This declaration is of the following type

- ☒ original
- ☐ design
- ☐ supplemental
- ☐ national stage of PCT
- ☐ divisional
- ☐ continuation
- ☐ continuation-in-part (CIP)

**INVENTORSHIP IDENTIFICATION**

My residence, post office address and citizenship are as stated below next to my name, I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**DYNAMIC CARDIAC PHANTOM AND METHOD  
OF SIMULATING CARDIAC MOTION**

**SPECIFICATION IDENTIFICATION**

the specification of which:

- (a) ☒ is attached hereto.
- (b) ☐ was filed on as ☐ Serial No. \_\_\_\_\_ or ☐ Express Mail No. \_\_\_\_\_, as Serial No. \_\_\_\_\_ not yet known and was amended on \_\_\_\_\_ (if applicable).
- (c) ☐ was described and claimed in PCT International Application No. \_\_\_\_\_ and as amended under PCT Article 19 on \_\_\_\_\_ (if any).

### ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information

- ☒ which is material to patentability as defined in 37, Code of Federal Regulations, §1.56
- ☒ and which is material to the examination of this application namely, information where there is a substantial likelihood that a reasonable examiner would consider it important in deciding whether to allow the application to issue as a patent.
- ☐ In compliance with this duty there is an information disclosure statement in accordance with 37 CFR 1.98 herein attached.

### PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

- ☒ No such applications have been filed.
- ☐ Such applications have been filed as follows:

### PRIOR FOREIGN/PCT APPLICATION(S) FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS APPLICATION AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. §119

COUNTRY	APPLICATION NO.	DATE OF FILING	PRIORITY CLAIMED
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO

### CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S) (34 U.S.C. § 119(e))

I hereby claim the benefit under Title 35, United States Code, § 119(3) of any United States provisional application(s) listed below:

PROVISIONAL APPLICATION NUMBER

FILING DATE

**CLAIM FOR BENEFIT OF EARLIER US/PCT APPLICATION(S)  
UNDER 35 U.S.C. 120**

- ☐ The claim for the benefit of any such applications are set forth in the attached  
ADDED PAGES TO COMBINED DECLARATION AND POWER OF  
ATTORNEY FOR DIVISIONAL, CONTINUATION OR CONTINUATION-  
IN-PART (C-I-P) APPLICATION.

**ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS APPLICATION**

- ☒ No such applications have been filed.  
☐ Such applications have been filed as follows:

COUNTRY	APPLICATION NO.	DATE OF FILING	PRIORITY CLAIMED
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO

**POWER OF ATTORNEY**

I hereby appoint the following attorney(s) to prosecute this application and transact all  
business in the Patent and Trademark Office connected therewith.

Timothy J. Ziolkowski	Reg. No. 38,368
Joseph P. Fox	Reg. No. 41,760
J. Mark Wilkinson	Reg. No. P48,865

- ☐ Attached as part of this declaration and power of  
attorney is the authorization of the above-named  
attorney(s) to accept and follow instructions from  
my representative(s).

**SEND CORRESPONDENCE TO  
CALLS TO:**

**DIRECT TELEPHONE**

Timothy J. Ziolkowski  
Cook & Franke S.C.  
660 East Mason Street  
Milwaukee, Wisconsin 53202

(414) 227-1204

### DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

### SIGNATURE

Full name of Inventor Kishore C. Acharya  
Inventor's signature Kishore C Acharya  
Date August 31, 2001 Country of Citizenship India  
Residence/Post Office Address 1325 Ridgeway Road  
Brookfield, WI 53045

This declaration ends with this page.

0968430-083404



# FEE TRANSMITTAL

Electronic Version 1.0.4

Stylesheet Version: 1.0

*Patent fees are subject to annual revisions on or about October 1st of each year.*

Large Entity

**TOTAL FEES AUTHORIZED: \$ 1158**

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 07-0845



Deposit Account Name: General Electric Company

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

## SUBMITTED BY

Authorized Name: Timothy J. Ziolkowski

Electronic Signature Mark: /s/ Timothy J. Ziolkowski

Date Signed: 20000831

## BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 710

Subtotal For Basic Filing Fee: \$ 710

## EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 36	103	\$ 18	16	\$ 288
Independent Claims: 5	102	\$ 80	2	\$ 160

Subtotal For Extra Claims Fees: \$ 448